



U.S Application Serial No. 10/566,913
Information Disclosure Statement
Dated: March 22, 2006

B-7252

In re Application of: Wolfgang Dahms; Christian Carl Fels; Günther Bauer
Serial No.: 10/566,913
National Phase Application in the United States corresponding to:
International Application No. PCT/EP2004/008492;
International Filing Date: July 28, 2004;
Claiming a priority date of August 8, 2003;
For: AQUEOUS, ACIDIC SOLUTION AND METHOD FOR
ELECTROLYTICALLY DEPOSITING COPPER COATINGS AS WELL AS
USE OF SAID SOLUTION

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

SIR:

CERTIFICATE OF MAILING UNDER 37 C.F.R. 1.8

I hereby certify that this correspondence and the documents referred to as attached therein are being deposited today with the United States Postal Service as first-class, postage-prepaid mail in an envelope addressed to the: Mail Stop Amendment, Commissioner for Patents, Arlington, VA 22313-1450

3/22/06

Date

Frank J. Bonini
Reg. No. 35,452

AUTHORIZATION TO CHARGE DEPOSIT ACCOUNT

The Commissioner is hereby authorized to charge any additional fees which may be required by this paper and during the pendency of this application to Account No. 05-0208.

3/22/06

Date

Frank J. Bonini
Reg. No. 35,452

INFORMATION DISCLOSURE STATEMENT

Applicant is aware of the following references listed on the enclosed Form PTO-1449, and encloses copies thereof.

U.S. PATENT DOCUMENTS

<u>PATENT/APPLICATION NO.</u>	<u>ISSUE/PUBLICATION</u> <u>DATE</u>	<u>INVENTOR</u>
4,000,047	12/28/1976	Bartnet D. Ostrow et al
4,601,847	07/22/1986	Loren L. Barber et al.
3,267,010	08/16/1966	Hans-Gerhard Creutz et al.
3,743,584	07/03/1973	Hans-Günther Todt et al.
4,110,176	08/29/1978	Hans-Gerhard Creutz et al.
4,181,582	01/01/1980	Wolfgang Dahms et al.
4,376,685	03/15/1983	Angus Watson et al.
4,430,173	02/07/1984	Bernard Boudot et al.
US 2003/0085132 A1	05/08/2003	Colbey et al.
US 2004/0074778 A1	04/22/2004	Colbey et al.
US 2003/0102226 A1	06/05/2003	Gabe et al.
US 2002/0104763 A1	08/08/2002	Yanada et al.

FOREIGN PATENTS DOCUMENTS

<u>PATENT NO.</u>	<u>DATE</u>	<u>COUNTRY</u>	<u>TRANSLATION</u>
DE 3420999 A1	12/13/1984	Germany	Yes
GB 2 141 140 A	12/12/1984	U.K.	Yes
DE 40 32 864 A1	04/16/1992	Germany	Yes

CA 2 093 924	04/30/1992	Canada	Yes
DE 1 246 347	08/03/1967	Germany	Yes
GB 1,181,534	02/18/1970	U.K.	Yes
DE 1 521 062 A	08/14/1969	Germany	Yes
DE 20 39 831 C	01/05/1972	Germany	Yes
DE 25 41 897	09/30/1976	Germany	Yes
DE 27 46 938	04/19/1979	Germany	Yes
EP 0 068 807 A2	01/05/1983	Germany	Yes
EP 0 071 512 A1	02/08/1983	Germany	Yes
EP 0 107 109 A2	05/02/1984	Germany	Yes
EP 1 001 054 A2	05/17/2000	Europe	Yes
EP 1 300 487 A1	04/09/2003	Europe	Yes
EP 1 300 486 A1	04/09/2003	Europe	Yes
FR 2.096.936	03/03/1972	France	Yes
AU 3125771	01/18/1973	Australia	Yes
FR 2.139.724	12/01/1973	France	No

OTHER DOCUMENTS

“Kupferschichten – Abscheidung, Eigenschaften, Anwendung” – (“Copper layers-deposition, properties, application”), N. Kanani, Leuze-Verlag, pages 93 and 76.

and

“Handbuch der Galvanotechnik” – (“Manual of Electroplating”), Dettner, Elze, Carl Hanser, Verlag, vol. II, page 64 and 65.

REMARKS

It is respectfully requested that the documents listed in this Information Disclosure Statement be considered by the Examiner in this patent application and made of record therein.

The relevance of foreign patent document DE 3420999 A1, which is not in the English language, is discussed at page 2 lines 26-29 of the specification and corresponds to the patent family which includes GB 2 141 140 A, an English language foreign patent document which is being submitted herewith.

The relevance of foreign patent document DE 40 32 864 A1, which is not in the English language, is discussed at page 4 lines 4-8 of the specification and corresponds to the patent family which includes CA 2 093 924, an English language foreign patent document which is being submitted herewith.

The relevance of foreign patent document DE 1 246 347, which is not in the English language, is discussed at page 2 lines 8-15 of the specification and corresponds to the patent family which includes GB 1,181,534, an English language foreign patent document which is being submitted herewith.

The relevance of foreign patent document DE 1 521 062 A, which is not in the English language, is discussed at page 2 lines 8-19 of the specification and corresponds to the patent family which includes US 3,267,010, an English language U.S. patent document which is being submitted herewith.

The relevance of foreign patent document DE 20 39 831 C, which is not in the English language, is discussed at page 3 lines 15-18 of the specification and corresponds to the patent family which includes US 3,743,584, an English language U.S. patent

document which is being submitted herewith.

The relevance of foreign patent document DE 25 41 897, which is not in the English language, is discussed at page 3 lines 6-13 of the specification and corresponds to the patent family which includes US 4,110,176, an English language U.S. patent document which is being submitted herewith.

The relevance of foreign patent document DE 27 46 938, which is not in the English language, is discussed at page 2 lines 26-29 of the specification and corresponds to the patent family which includes US 4,181,582, an English language U.S. patent document which is being submitted herewith.

The relevance of foreign patent document EP 0 068 807 A2, which is not in the English language, is discussed at page 3 lines 6-13 of the specification and corresponds to the patent family which includes US 4,376,685, an English language U.S. patent document which is being submitted herewith.

The relevance of foreign patent document EP 0 071 512 A1, which is not in the English language, is discussed at page 2 lines 26-29 of the specification and corresponds to the patent family which included US 4,430,173, an English language U.S. patent document which is being submitted herewith.

The relevance of Foreign Patent document FR 2,096,936, which is not in the English language, is discussed at page 2 lines 26-29 of the specification and corresponds to the patent family which includes AU 3125771, an English language foreign patent document which is being submitted herewith. The reference FR 2 096 936 A is also cited on the International Search Report as being a category Y document.

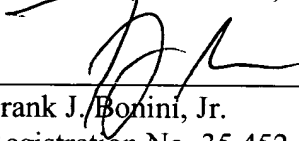
The relevance of foreign patent document FR 2 139 724, which is not in the

English language, is discussed at page 2 lines 26-29 of the specification and corresponds to the patent family which included AU 3125771, an English language foreign patent document which is being submitted herewith. The reference FR 2 139 724 A is also cited on the International Search Report as being a category Y document.

The "Other Documents" listed above, which are not in the English language, are relevant for the reasons referred to on page 1, line 16 through page 2, line 6 of the specification.

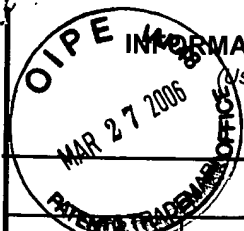
The Commissioner is authorized to charge any additional fees which may be required to Patent Office Deposit Account No. 05-0208.

Respectfully submitted,
HARDING, EARLEY, FOLLMER & FRAILEY



Frank J. Bonini, Jr.
Registration No. 35,452
86 The Commons at Valley Forge
1288 Valley Forge Road
P. O. Box 750
Valley Forge, PA 19482-0750
Telephone: 610-935-2300
Attorney for Applicant

Date: 3/22/06



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.

B-7252

APPLICATION NO.

10/566,913

APPLICANT(S)

Wolfgang Dahms et al.

FILING DATE

07/28/2004

GROUP ART UNIT

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,000,047	12/28/1976	Bartnet D. Ostrow et al.			12/20/1974
	4,601,847	07/22/1986	Loren L. barber et al.			10/19/1984
	3,267,010	08/16/1966	Hans-Gerhard Creutz et al.			04/16/1962
	3,743,584	07/03/1973	Hans-Günther Todt et al.			07/03/1973
	4,110,176	08/29/1978	Hans-Gerhard Creutz et al.			08/29/1978

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	US 2003/0085132 A1	05/08/2003	Colbey et al.			
	US 2004/0074778 A1	04/22/2004	Colbey et al.			
	US 2003/0102226 A1	06/05/2003	Gabe et al.			
	US 2002/0104763 A1	08/08/2002	Yanada et al.			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	DE 3420999 A1	13/13/1984	GERMANY			✓	
	GB 2 141 140 A	12/12/1984	U.K.			✓	
	DE 40 32 864 A1	04/16/1992	GERMANY			✓	
	C A2 093 924	04/30/1992	CANADA			✓	
	DE 1 246 347	09/03/1967	GERMANY			✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

"Kupferschichten-Abscheidung, Eigenschaften, Anwendung" - ("Copper layers-deposition, properties, application"), N.Kanani, leuze-Verlag, pages 93 and 76

"Handbuch der Galvanotechnik" - ("Manual of Electroplating"), Dettner, Elze, Carl Hanser, Verlag, vol. II, page 64 and 65.

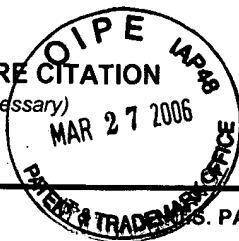
EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)



ATTY DOCKET NO.

B-7252

APPLICATION NO.

10/566,913

Wolfgang Dahms et al.

FILING

07/28/2004

GROUP ART

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,181,582	4,181,582	Wolfgang Dahms et al.			10/02/1978
	4,376,685	03/15/1983	Angus Watson et al.			06/24/1981
	4,430,173	02/07/1984	Bernard Boudot et al.			07/16/1982

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

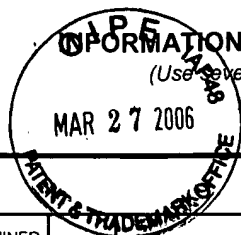
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	GB 1,181,534	02/18/1970	U.K.			✓	
	DE 1 521 062 A	08/14/1969	GERMANY			✓	
	DE 20 39 831 C	01/05/1972	GERMANY			✓	
	DE 25 41 897	09/30/1976	GERMANY			✓	
	DE 27 46 938	04/19/1979	GERMANY			✓	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**INFORMATION DISCLOSURE CITATION***(Use several sheets if necessary)*

MAR 27 2006

ATTY DOCKET NO.

B-7252

APPLICATION NO.

10/566,913

Wolfgang Dahms et al.

FILING

07/28/2004

GROUP ART

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

U.S. PATENT APPLICATION PUBLICATIONS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS


	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	EP 0 068 807 A2	01/05/1983	GERMANY			✓	
	EP 0 071 512 A1	02/08/1983	GERMANY			✓	
	EP 0 107 109 A2	05/02/1984	GERMANY			✓	
	EP 1 001 054 A2	05/17/2000	EUROPE			✓	
	EP 1 300 487 A1	04/09/2003	EUROPE			✓	

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<div style="text-align: center;">  <p>INFORMATION DISCLOSURE CITATION (Use several sheets if necessary)</p> </div>	ATTY DOCKET NO. B-7252	APPLICATION NO. 10/566,913
	Wolfgang Dahms et al.	
	FILING 07/28/2004	GROUP ART

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	

U.S. PATENT APPLICATION PUBLICATIONS							
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE	

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		EP 1 300 486 A1	04/09/2003	EUROPE			✓	
		FR 2.096.936	03/03/1972	FRANCE			✓	
		AU 3125771	01/18/1973	AUSTRALIA			✓	
		FR 2.139.724	12/01/1973	FRANCE				✓

OTHER DOCUMENTS <i>(Including Author, Title, Date, Pertinent Pages, Etc.)</i>			

EXAMINER	DATE CONSIDERED
----------	-----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.